

# 2007 Daily Values

## MISSISSIPPI RIVER AT MOSIER LANDING, IL (MIML/0260A)

|  |  |
|--|--|
| Location:                                    | LAT. 39-15-28, LONG. 90-43-41, ON LEFT BANK, AT MILE 260.3 ABOVE THE MOUTH OF THE OHIO RIVER.  |
| Gage:  | G.O.E.S. TELEMETERED DATA COLLECTION PLATFORM WITH PRESSURE TRANSDUCER. OWNED, OPERATED AND MAINTAINED BY ST. LOUIS DISTRICT, CORPS OF ENGINEERS. DIGITAL RECORDER INSTALLED, JULY 3, 1974.                      |
| General Information:                         | FLOOD ELEVATION 441 FEET NGVD. DRAINAGE AREA, 141,500 SQUARE MILES.  |
| Records Available:                           | STAGE, AUG. 1939 TO DATE, IN FILES OF CORPS OF ENGINEERS. GAGE FORMERLY AT HAMBURG, IL, MILE 258.4, AT THE SAME DATUM. NOTE: LOCK & DAM 25 REACHED MAXIMUM REGULATING POOL (434.0 FEET NGVD.) ON JULY 11, 1939*. |
| Mean Elev:                                   | PERIOD OF RECORD, 436.35 FT . 01 JAN 1940 TO DATE, 436.36 FT .   |
| Extreme Elev:                                | PERIOD OF RECORD, DAILY HIGH OF 454.30 FT (ESTIMATED) ON 29 JUL 1993 & PERIOD OF RECORD, DAILY LOW OF 428.20 FT OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 27 FEB 1950 .                                |
| Zero Gage Datum:                             | 400.00 ft NGVD. NOTE: SUBTRACT DATUM FROM ELEVATION TO OBTAIN STAGE.   |
| ALL VALUES RECORDED AT 8AM. ELEVATION IN FT: |  |

| Day   | Month  |          |        |        |        |      |     |     |      |     |      |     |
|---|--------|----------|--------|--------|--------|------|-----|-----|------|-----|------|-----|
|   | Jan    | Feb      | Mar    | Apr    | May    | Jun  | Jul | Aug | Sep  | Oct | Nov  | Dec |
| 1   | 435.47 | 435.17   | 435.78 | 442.80 | 442.67 |      |     |     |      |     |      |     |
| 2   | 435.28 | 435.16   | 437.89 | 442.64 | 442.64 |      |     |     |      |     |      |     |
| 3   | 435.58 | 435.22   | 439.86 | 442.75 | 442.56 |      |     |     |      |     |      |     |
| 4   | 435.76 | E 435.17 | 438.06 | 442.99 | 442.01 |      |     |     |      |     |      |     |
| 5   | 435.72 | 435.14   | 436.73 | 443.25 | 441.76 |      |     |     |      |     |      |     |
| 6   | 435.98 | 434.94   | 436.15 | 443.23 | 441.64 |      |     |     |      |     |      |     |
| 7   | 436.19 | 435.05   | 435.61 | 443.02 | 441.20 |      |     |     |      |     |      |     |
| 8   | 436.34 | 434.99   | 434.87 | 443.16 | 441.41 |      |     |     |      |     |      |     |
| 9   | 436.10 | 435.08   | 435.54 | 443.25 |        |      |     |     |      |     |      |     |
| 10  | 436.24 | 435.06   | 435.48 | 443.44 |        |      |     |     |      |     |      |     |
| 11  | 436.12 | 435.04   | 435.47 | 443.59 |        |      |     |     |      |     |      |     |
| 12  | 435.91 | 435.10   | 435.44 | 443.70 |        |      |     |     |      |     |      |     |
| 13  | 435.87 | 435.11   | 437.11 | 443.86 |        |      |     |     |      |     |      |     |
| 14  | 435.37 | 435.09   | 437.65 | 444.05 |        |      |     |     |      |     |      |     |
| 15  | 435.34 | 435.05   | 438.03 | 444.11 |        |      |     |     |      |     |      |     |
| 16  | 435.29 | E 435.11 | 438.75 | 444.00 |        |      |     |     |      |     |      |     |
| 17  | 434.94 | 435.24   | 439.50 | 443.80 |        |      |     |     |      |     |      |     |
| 18  | 434.78 | 435.16   | 440.07 | 443.55 |        |      |     |     |      |     |      |     |
| 19  | 434.59 | 435.09   | 440.19 | 443.14 |        |      |     |     |      |     |      |     |
| 20  | 434.47 | 435.06   | 440.82 | 442.56 |        |      |     |     |      |     |      |     |
| 21  | 434.56 | 435.21   | 441.41 | 441.92 |        |      |     |     |      |     |      |     |
| 22  | 434.53 | 435.44   | 441.83 | 441.42 |        |      |     |     |      |     |      |     |
| 23  | 434.64 | 435.20   | 441.91 | 440.81 |        |      |     |     |      |     |      |     |
| 24  | 434.76 | 435.42   | 442.19 | 439.93 |        |      |     |     |      |     |      |     |
| 25  | 434.89 | 436.76   | 442.55 | 439.12 |        |      |     |     |      |     |      |     |
| 26  | 435.13 | 438.23   | 442.80 | 439.40 |        |      |     |     |      |     |      |     |
| 27  | 435.04 | 438.77   | 442.95 | 441.14 |        |      |     |     |      |     |      |     |
| 28  | 434.97 | 437.17   | 443.15 | 442.58 |        |      |     |     |      |     |      |     |
| 29  | 435.11 | ----     | 443.00 | 443.11 |        |      |     |     |      |     |      |     |
| 30  | 435.19 | ----     | 442.77 | 442.93 |        |      |     |     |      |     |      |     |
| 31  | 435.40 | ----     | 442.78 | ----   |        | ---- |     |     | ---- |     | ---- |     |
| The following statistics are based on observations occuring in 2007 only. |        |          |        |        |        |      |     |     |      |     |      |     |
| Mean  | 435.34 | 435.51   | 439.24 | 442.64 | 441.99 |      |     |     |      |     |      |     |
| Max   | 436.34 | 438.77   | 443.15 | 444.11 | 442.67 |      |     |     |      |     |      |     |
| Min   | 434.47 | 434.94   | 434.87 | 439.12 | 441.20 |      |     |     |      |     |      |     |
| Day   | 31     | 28       | 31     | 30     | 8      | 0    | 0   | 0   | 0    | 0   | 0    | 0   |

The Mean ELEV for the Year was: 438.45  
The Highest ELEV for the Year was: 444.11 which occurred on: 04-15-2007  
The Lowest ELEV for the Year was: 434.47 which occurred on: 01-20-2007  
The Total Number of Days for the Year was: 128

NOTICE: All data contained herein is preliminary in nature and therefore subject to change. The data is for general information purposes ONLY and SHALL NOT be used in technical applications such as, but not limited to, studies or designs. All critical data should be obtained from and verified by the United States Army Corps of Engineers. The United States Government assumes no liability for the completeness or accuracy of the data contained herein and any use of such data inconsistent with this disclaimer shall be solely at the risk of the user.

Note:  
E = Estimated